Attorney Docket No. 30014200-1078 (formerly 0007056-0054) PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	Group Art Unit: 2178
Paul RANK	Examiner: Vaughn, Gregory J.
Application No. 09/754,415	
Filed: January 2, 2001	
For: METHOD FOR DYNAMIC FUNCTION LOADING IN SPREADSHEETS ON SMALL DEVICES	

MAIL STOP RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF PAUL RANK UNDER 37 C.F.R. §1.131

Dear Sir:

1. I, Paul Rank, am the inventor of the subject matter which is claimed and for which a patent is sought on the invention titled "Method for Dynamic Function Loading in Spreadsheets on Small Devices," having the serial number 09/754,415 and filed on January 2, 2001 (the "'415 Application").

2. In the Final Office Action having a mailing date of July 8, 2005, the Examiner presented the reference *Rouse* (U.S. Patent Pub. No. 2002/0087620, hereinafter the "*Rouse* Application") as prior art under 35 U.S.C. §102(e) to reject pending claims 1-16.

3. I have reviewed and understand the contents of the cited *Rouse* Application.

4. This written document is a declaration of prior invention to overcome the cited *Rouse* Application. As the inventor of the subject matter of the rejected claims, I hereby submit this oath to overcome the *Rouse* Application.

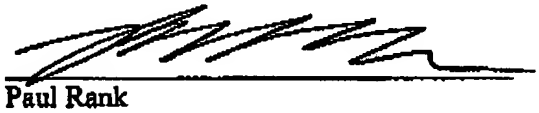
5. As indicated on the face of the *Rouse* Application, the earliest possible date on which the *Rouse* Application was available as prior art under 35 U.S.C. §102(e) was December 29, 2000. Accordingly, the earliest possible date to overcome is the effective filing date of December 29, 2000.

6. On information and belief, I first invented the subject matter of the '415 Application before December 29, 2000 as evidenced by Invention Disclosure Report No. P5220 ("the Report"). Exhibit A is a copy of the original Report as submitted by me to Sun Microsystems, Inc., my employer and the assignee of the '415 Application. The submission date, conception date, and first disclosure date have been redacted from the exhibit. I attest that the Report was completed before December 29, 2000.

7. The Report discloses the subject matter of at least claims 1 and 9 of the '415 Application. For example, the claimed concept of determining a subset of functions associated with said file from a set of functions associated with an application corresponding to said file, and dynamically downloading said file and only said subset of functions to said PDA is disclosed in the Report's "Written Description". (*See* Exhibit A, page 2). Thus, the Report supports conception of the claimed invention before December 29, 2000.

8. The time period taken for completion of the '415 application for filing constitutes reasonable diligence. During this time period, I and my representatives worked reasonably hard and expeditiously to process the invention disclosure and prepare, execute, and file the '415 Application. Accordingly, there was reasonable diligence from on or before the December 29, 2000 effective filing date of the *Rouse* Application to the January 2, 2001 filing of the '415 Application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Paul Rank

12-06-2005

Date

EXHIBIT A

---------- Begin Forwarded Message ----------

Date: [redacted]
From: "paul.rank@sun.com" <nobody@patents.Corp.Sun.COM>
To: undisclosed-recipients:;

NEW INVENTION DISCLOSURE BY Paul Rank
(paul.rank@sun.com)

ATTORNEY-CLIENT PRIVILEGED COMMUNICATION

Here is your copy of the new Invention Disclosure
that you have just submitted. We will contact you
shortly about preparing the patent application.

Thank you, Paul Rank, for submitting this disclosure.

Generated by the SunWeb Patent Disclosure Form, v. 1.5[redacted]
Found at: http://patents.corp

This is a new disclosure from Software Products & Platforms: Thin Client &
Webtop SOFTWARE

Attorney Responsibility:
Sun Primary Attorney: Anirma Gupta
Managing Sun Attorney: Anirma Gupta

Note that the following sections are not in the same order
as you entered on the form.

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8. Division - Business Unit

Software Products & Platforms: Thin Client & Webtop SOFTWARE

8B. Technical Category

The Technical Category is:

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9. DEPARTMENT, etc.

Department: Desktop Foundation Software
Manager: Malini Minasandram
Project: [redacted]
Product(s): [redacted]

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1. TITLE: Dynamic Function Loading in Spreadsheets on Small Devices

This invention relates primarily to: SOFTWARE

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2. BACKGROUND AND RELATED ART

A. The technical problem is as follows:

Small handheld devices (such as a Palm) usually contain a very limited amount of memory. A spreadsheet program can become very large if you attempt to include all the features found in a desktop version. Many of these features will not be required for all users. The main challange is to find a way to provide each user with every spreadsheet feature that user requires while minimizing the size of the spreadsheet program.

B. The Closest Related Art is as follows:

I'm not aware of any relevant art.

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3. DRAWING(S)

Drawings for this invention are UNAVAILABLE.

Comments about providing drawings:

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4. WRITTEN DESCRIPTION

[redacted] allows a user of spreadsheet program on a small handheld device (such as a Palm) to dynamically download groups of functions as needed. This allows the user to limit the amount of memory required by the spreadsheet app. Current small device spreadsheet programs either include very limited function support or include a large set of functions that occupy a large amount of memory. The user currently does not have a choice in

selecting the degree of function support one desires.

[redacted] First, when the user selects a desktop spreadsheet to synchronize with the handheld, the spreadsheet will be examined for the types of functions it uses in its formulas. If it is determined that the user doesn't have the required class of functions (statistical, financial, etc...) on his handheld device, he will be given the option to download the required functions to the device at the next synchronization. The downloaded functions can be either an entire package (statistical) or just the functions used in the spreadsheet (mean, standard deviation).

The second method of adding function support to the spreadsheet program is driven from the small device side. The spreadsheet program will contain a list of all the available functions, but it will only contain the code for a small number of functions. The user can build formulas on the device using these functions. Of course, the spreadsheet will not be able to evaluate these formulas until the code for the functions are loaded. This is once again done at synchronization time. The handheld device will identify which function it needs and make a request to the desktop. The desktop will download the appropriate code to the small device.

[redacted] to provide the user with the ability to select which functions he would like supported when the spreadsheet application is initially installed on the small device.

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5. CONCEPTION OF INVENTION

Date of conception: [redacted]
Date of first written description: [redacted]

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6. REDUCTION TO PRACTICE

Has the invention been reduced to practice? [redacted]

Comments, if any, on conception of invention and/or first written description:

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7. INVENTOR(S)

INVENTOR 1:
EIN: 39942
Name: Paul J Rank
Address: 3161 Cyrus Ave., San Jose, CA 95124
Citizenship: US

INVENTOR 2:
EIN:
Name:
Address: ,
Citizenship:

INVENTOR 3:
EIN:
Name:
Address: ,
Citizenship:

INVENTOR 4:
EIN:
Name:
Address: ,
Citizenship:

INVENTOR 5:
EIN:
Name:
Address: ,
Citizenship:

COMMENTS on inventors or inventorship:

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10. DATES OF PRODUCT TESTING AND RELEASE

Alpha Testing: [redacted]
Beta Testing: [redacted]
General release or sale: [redacted]

COMMENTS on product testing and release:

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11. DISCLOSURE OF INVENTION

Has there been any disclosure of the invention? NO

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12. INTERNAL DISCLOSURE(S)

First disclosure date (internal at Sun):
Name of first disclosee at Sun:

COMMENTS about first internal disclosure:

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13. ARTICLE(S)

Have any articles been published?

DETAILS about publication of article(s):

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14. ADVERTISEMENTS, PRESS RELEASES AND PRODUCT ANNOUNCEMENTS

Any ads, press releases or product announcements?

DETAILS about any ads, press releases and product announcements:

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15. OUTSIDE DISCLOSURE(S)

Have there been any disclosures outside Sun?

Were all outside disclosures under NDA?

DETAILS about any disclosures outside Sun:

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16. TRADE SHOWS AND CONFERENCES

Are there any upcoming trade shows or conferences?

DETAILS about upcoming trade shows and/or conferences:

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17. OUTSIDE COUNSEL:

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18. RELATED CASES

ADDITIONAL COMMENTS BY INVENTOR:

This invention disclosure was submitted by Paul Rank, whose email address is:
paul.rank@sun.com

Server protocol: HTTP/1.0
Remote host:
Remote IP address: 129.144.170.48

---------- End Forwarded Message ----------